SCORE Search Results Details for Application 10687035 and Search Result 20080310_104727_us-10-687-035-33.rai.

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This page gives you Search Results detail for the Application 10687035 and Search Result 20080310_104727_us-10-687-035-33.rai.

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GenCore version 6.2.1

OM protein - protein search, using sw model

Run on: March 10, 2008, 14:04:05 ; Search time 36 Seconds
(without alignments)
557.713 Million cell updates/sec

Title: US-10-687-035-33
Perfect score: 656
Sequence: 1 MDFQVQIFSFLLISASVIMS.....YCQQWSSNPFTFGSGTKLEI 127

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1048630 seqs, 157249835 residues

Total number of hits satisfying chosen parameters: 1048630

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:*
1: /ABSS/Data/CRF/ptodata/2/iaa/5_COMB.pep:*
2: /ABSS/Data/CRF/ptodata/2/iaa/6_COMB.pep:*
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7: /ABSS/Data/CRF/ptodata/2/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result	% Query

No.	Score	Match	Length	DB	ID	Description
1	572	87.2	128	1	US-08-476-275-4	Sequence 4, Appli
2	572	87.2	128	2	US-08-475-815B-7	Sequence 7, Appli
3	572	87.2	128	2	US-08-475-813-4	Sequence 4, Appli
4	572	87.2	128	3	US-10-411-037-60	Sequence 60, Appl
5	572	87.2	128	3	US-10-287-994-60	Sequence 60, Appl
6	572	87.2	128	3	US-10-410-997-60	Sequence 60, Appl
7	572	87.2	128	3	US-10-410-962-60	Sequence 60, Appl
8	572	87.2	128	3	US-10-410-897A-60	Sequence 60, Appl
9	572	87.2	128	3	US-10-410-945A-60	Sequence 60, Appl
10	572	87.2	128	3	US-10-410-930A-60	Sequence 60, Appl
11	572	87.2	128	3	US-10-411-012-60	Sequence 60, Appl
12	572	87.2	128	3	US-10-410-913A-60	Sequence 60, Appl
13	572	87.2	128	3	US-11-404-266-60	Sequence 60, Appl
14	572	87.2	128	3	US-10-411-049-60	Sequence 60, Appl
15	566	86.3	128	2	US-09-724-138-46	Sequence 46, Appl
16	566	86.3	128	2	US-09-630-198-46	Sequence 46, Appl
17	559	85.2	129	1	US-08-449-287-2	Sequence 2, Appli
18	559	85.2	235	2	US-09-423-439-18	Sequence 18, Appl
19	559	85.2	235	2	US-09-423-439-58	Sequence 58, Appl
20	559	85.2	235	2	US-09-011-769A-23	Sequence 23, Appl
21	558	85.1	235	2	US-09-238-741-2	Sequence 2, Appli
22	548	83.5	128	2	US-08-619-491-2	Sequence 2, Appli
23	548	83.5	128	5	PCT-US95-07302-2	Sequence 2, Appli
24	543	82.8	128	1	US-07-946-421-26	Sequence 26, Appl
25	543	82.8	235	1	US-08-303-569B-5	Sequence 5, Appli
26	543	82.8	235	1	US-08-116-247-5	Sequence 5, Appli
27	543	82.8	235	2	US-09-795-515-5	Sequence 5, Appli
28	543	82.8	235	2	US-09-348-224-5	Sequence 5, Appli
29	543	82.8	235	3	US-10-704-352-5	Sequence 5, Appli
30	543	82.8	235	3	US-10-704-071-5	Sequence 5, Appli
31	543	82.8	235	3	US-10-703-963-5	Sequence 5, Appli
32	543	82.8	235	3	US-10-703-344-5	Sequence 5, Appli
33	537	81.9	130	3	US-11-143-737-50	Sequence 50, Appl
34	532	81.1	129	1	US-08-116-778E-2	Sequence 2, Appli
35	532	81.1	129	1	US-08-438-562-2	Sequence 2, Appli
36	532	81.1	129	1	US-08-483-528B-92	Sequence 92, Appl
37	531	80.9	128	1	US-08-656-586-2	Sequence 2, Appli
38	524	79.9	128	1	US-07-634-278-31	Sequence 31, Appl
39	524	79.9	128	1	US-08-477-728-31	Sequence 31, Appl
40	524	79.9	128	1	US-08-474-040-31	Sequence 31, Appl
41	524	79.9	128	1	US-08-487-200-31	Sequence 31, Appl
42	524	79.9	128	2	US-08-484-537-31	Sequence 31, Appl
43	524	79.9	128	2	US-09-453-718B-87	Sequence 87, Appl
44	524	79.9	128	3	US-09-718-998-31	Sequence 31, Appl
45	524	79.9	128	3	US-10-160-232-87	Sequence 87, Appl

ALIGNMENTS

RESULT 1
US-08-476-275-4
; Sequence 4, Application US/08476275
; Patent No. 5776456
; GENERAL INFORMATION:

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;    APPLICANT:  Anderson, Darrell R.
;    APPLICANT:  Hanna, Nabil
;    APPLICANT:  Leonard, John E.
;    APPLICANT:  Newman, Roland A.
;    APPLICANT:  Reff, Mitchell E.
;    APPLICANT:  Rastetter, William H.
;    TITLE OF INVENTION:  Therapeutic Application of Chimeric and
;    TITLE OF INVENTION:  Radiolabeled Antibodies to Human B Lymphocyte Restricted
;    TITLE OF INVENTION:  Differentiation Antigen for the Treatment of B-Cell
;    TITLE OF INVENTION:  Lymphoma
;    NUMBER OF SEQUENCES:  11
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  BURNS, DOANE, SWECKER & MATHIS
;      STREET:  699 Prince St.
;      CITY:  Alexandria
;      STATE:  VA
;      COUNTRY:  USA
;      ZIP:  22314
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/476,275
;      FILING DATE:  07-JUN-1995
;      CLASSIFICATION:  424
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/149,099
;      FILING DATE:  03-NOV-1993
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/978,891
;      FILING DATE:  13-NOV-1992
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Teskin, Robin L.
;      REGISTRATION NUMBER:  35,030
;      REFERENCE/DOCKET NUMBER:  012712-155
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  703-836-6620
;      TELEFAX:  703-836-2021
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  128 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-476-275-4

  Query Match             87.2%;  Score 572;  DB 1;  Length 128;
  Best Local Similarity   89.8%;  Pred. No. 6e-50;
  Matches  114;  Conservative    2;  Mismatches   11;  Indels    0;  Gaps    0;

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Qy         61 PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG 120
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Qy        121 SGTKLEI 127
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Db        121 GGTKLEI 127


RESULT 2
US-08-475-815B-7
; Sequence 7, Application US/08475815B
; Patent No. 6399061
;  GENERAL INFORMATION:
;    APPLICANT:  ANDERSON, DARRELL R.
;    APPLICANT:  HANNA, NABIL
;    APPLICANT:  LEONARD, JOHN E.
;    APPLICANT:  NEWMAN, ROLAND A.
;    APPLICANT:  REFF, MITCHELL E.
;    APPLICANT:  RASTETTER, WILLIAM H.
;    TITLE OF INVENTION:  THERAPEUTIC APPLICATION OF CHIMERIC AND
;    TITLE OF INVENTION:  RADIOLABELED ANTIBODIES TO HUMAN B LYMPHOCYTE RESTRICTED
;    TITLE OF INVENTION:  DIFFERENTIATION ANTIGEN FOR THE TREATMENT OF B CELL
;    TITLE OF INVENTION:  LYMPHOMA
;    NUMBER OF SEQUENCES:  11
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  PILLSBURY WINTHROP
;      STREET:  1100 New York Avenue, N.W., Ninth FL.
;      CITY:  Washington
;      STATE:  DC
;      COUNTRY:  USA
;      ZIP:  20005
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/475,815B
;      FILING DATE:  07-JUN-1995
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/149,099
;      FILING DATE:  03-NOV-1993
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/978,891
;      FILING DATE:  13-NOV-1992
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Teskin, Robin L.
;      REGISTRATION NUMBER:  35,030
;      REFERENCE/DOCKET NUMBER:  23522-0157
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  202-861-3000
;      TELEFAX:  202-822-0944
;  INFORMATION FOR SEQ ID NO:  7:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  128 amino acids
;      TYPE:  amino acid
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;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-475-815B-7

  Query Match             87.2%;  Score 572;  DB 2;  Length 128;
  Best Local Similarity   89.8%;  Pred. No. 6e-50;
  Matches  114;  Conservative    2;  Mismatches   11;  Indels    0;  Gaps    0;

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Db          1 MDFQVQIISFLLISASVIMSRGQIVLSQSPAILSASPGEKVTMTCRASSSVSYIHWFQQK 60

Qy         61 PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG 120
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Qy        121 SGTKLEI 127
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Db        121 GGTKLEI 127


RESULT 3
US-08-475-813-4
; Sequence 4, Application US/08475813
; Patent No. 6682734
;  GENERAL INFORMATION:
;    APPLICANT:  Anderson, Darrell R.
;    APPLICANT:  Hanna, Nabil
;    APPLICANT:  Leonard, John E.
;    APPLICANT:  Newman, Roland A.
;    APPLICANT:  Reff, Mitchell E.
;    APPLICANT:  Rastetter, William H.
;    TITLE OF INVENTION:  Therapeutic Application of Chimeric and
;    TITLE OF INVENTION:  Radiolabeled Antibodies to Human B Lymphocyte Restricted
;    TITLE OF INVENTION:  Differentiation Antigen for the Treatment of B-Cell Lymphoma
;    NUMBER OF SEQUENCES:  11
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  BURNS, DOANE, SWECKER & MATHIS
;      STREET:  699 Prince St.
;      CITY:  Alexandria
;      STATE:  VA
;      COUNTRY:  USA
;      ZIP:  22314
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/475,813
;      FILING DATE:  07-JUN-1995
;      CLASSIFICATION:  424
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/149,099
;      FILING DATE:  03-NOV-1993
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/978,891
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;      FILING DATE:  13-NOV-1992
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Teskin, Robin L.
;      REGISTRATION NUMBER:  35,030
;      REFERENCE/DOCKET NUMBER:  012712-158
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  703-836-6620
;      TELEFAX:  703-836-2021
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  128 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-475-813-4

  Query Match             87.2%;  Score 572;  DB 2;  Length 128;
  Best Local Similarity   89.8%;  Pred. No. 6e-50;
  Matches  114;  Conservative    2;  Mismatches   11;  Indels    0;  Gaps    0;

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Db        121 GGTKLEI 127


RESULT 4
US-10-411-037-60
; Sequence 60, Application US/10411037
; Patent No. 7125843
; GENERAL INFORMATION:
;  APPLICANT: Neose Technologies, Inc.
;  APPLICANT:  DeFrees, Shawn
;  APPLICANT:  Zopf, David
;  APPLICANT:  Bayer, Robert
;  APPLICANT:  Hakes, David
;  APPLICANT:  Chen, Xi
;  APPLICANT:  Bowe, Caryn
;  TITLE OF INVENTION: ALPHA GALACTOSIDASE A: REMODELING AND GLYCOCONJUGATION OF ALPHA
;  TITLE OF INVENTION:  GALACTOSIDASE A
;  FILE REFERENCE: 040853-01-5082
;  CURRENT APPLICATION NUMBER: US/10/411,037
;  CURRENT FILING DATE:  2003-04-09
;  PRIOR APPLICATION NUMBER: US 60/328,523
;  PRIOR FILING DATE: 2001-10-10
;  PRIOR APPLICATION NUMBER: US 60/344,692
;  PRIOR FILING DATE: 2001-10-19
;  PRIOR APPLICATION NUMBER: US 60/387,292
;  PRIOR FILING DATE: 2002-06-07
;  PRIOR APPLICATION NUMBER: US 60/391,777
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;  PRIOR FILING DATE: 2002-06-25
;  PRIOR APPLICATION NUMBER: US 60/396,594
;  PRIOR FILING DATE: 2002-07-17
;  PRIOR APPLICATION NUMBER: US 60/404,249
;  PRIOR FILING DATE: 2002-08-16
;  PRIOR APPLICATION NUMBER: US 60/407,527
;  PRIOR FILING DATE: 2002-08-28
;  NUMBER OF SEQ ID NOS: 75
;  SOFTWARE: PatentIn version 3.2
; SEQ ID NO 60
;   LENGTH: 128
;   TYPE: PRT
;   ORGANISM: Mus musculus
US-10-411-037-60

  Query Match             87.2%;  Score 572;  DB 3;  Length 128;
  Best Local Similarity   89.8%;  Pred. No. 6e-50;
  Matches  114;  Conservative    2;  Mismatches   11;  Indels    0;  Gaps    0;

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Db          1 MDFQVQIISFLLISASVIMSRGQIVLSQSPAILSASPGEKVTMTCRASSSVSYIHWFQQK 60

Qy         61 PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG 120
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Db         61 PGSSPKPWIYATSNLASGVPVRFSGSGSGTSYSLTISRVEAEDAATYYCQQWTSNPPTFG 120

Qy        121 SGTKLEI 127
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Db        121 GGTKLEI 127


RESULT 5
US-10-287-994-60
; Sequence 60, Application US/10287994
; Patent No. 7138371
; GENERAL INFORMATION:
;  APPLICANT: Neose Technologies, Inc.
;  APPLICANT:  DeFrees, Shawn
;  APPLICANT:  Zopf, David
;  APPLICANT:  Bayer, Robert
;  APPLICANT:  Bowe, Caryn
;  APPLICANT:  Hakes, David
;  APPLICANT:  Chen, Xi
;  TITLE OF INVENTION: REMODELING AND GLYCOCONJUGATION OF PEPTIDES
;  FILE REFERENCE: 040853-01-5052-00
;  CURRENT APPLICATION NUMBER: US/10/287,994
;  CURRENT FILING DATE:  2002-11-05
;  PRIOR APPLICATION NUMBER: US 60/328,523
;  PRIOR FILING DATE: 2001-10-10
;  PRIOR APPLICATION NUMBER: US 60/344,692
;  PRIOR FILING DATE: 2001-10-19
;  PRIOR APPLICATION NUMBER: US 60/387,292
;  PRIOR FILING DATE: 2002-06-07
;  PRIOR APPLICATION NUMBER: US 60/391,777
;  PRIOR FILING DATE: 2002-06-25
;  PRIOR APPLICATION NUMBER: US 60/396,594
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;  PRIOR FILING DATE: 2002-07-17
;  PRIOR APPLICATION NUMBER: US 60/404,249
;  PRIOR FILING DATE: 2002-08-16
;  PRIOR APPLICATION NUMBER: US 60/407,527
;  PRIOR FILING DATE: 2002-08-28
;  NUMBER OF SEQ ID NOS: 62
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 60
;   LENGTH: 128
;   TYPE: PRT
;   ORGANISM: Mus musculus
US-10-287-994-60

  Query Match             87.2%;  Score 572;  DB 3;  Length 128;
  Best Local Similarity   89.8%;  Pred. No. 6e-50;
  Matches  114;  Conservative    2;  Mismatches   11;  Indels    0;  Gaps    0;

Qy          1 MDFQVQIFSFLLISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQQK 60
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Qy         61 PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG 120
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Db         61 PGSSPKPWIYATSNLASGVPVRFSGSGSGTSYSLTISRVEAEDAATYYCQQWTSNPPTFG 120

Qy        121 SGTKLEI 127
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Db        121 GGTKLEI 127


RESULT 6
US-10-410-997-60
; Sequence 60, Application US/10410997
; Patent No. 7157277
; GENERAL INFORMATION:
;  APPLICANT: Neose Technologies, Inc.
;  APPLICANT:  DeFrees, Shawn
;  APPLICANT:  Zopf, David
;  APPLICANT:  Bayer, Robert
;  APPLICANT:  Hakes, David
;  APPLICANT:  Chen, Xi
;  APPLICANT:  Bowe, Caryn
;  TITLE OF INVENTION: FOLLICLE STIMULATING HORMONE: REMODELING AND GLYCOCONJUGATION OF
;  TITLE OF INVENTION:  FSH
;  FILE REFERENCE: 040853-01-5059
;  CURRENT APPLICATION NUMBER: US/10/410,997
;  CURRENT FILING DATE:  2003-04-09
;  PRIOR APPLICATION NUMBER: US 60/328,523
;  PRIOR FILING DATE: 2001-10-10
;  PRIOR APPLICATION NUMBER: US 60/344,692
;  PRIOR FILING DATE: 2001-10-19
;  PRIOR APPLICATION NUMBER: US 60/387,292
;  PRIOR FILING DATE: 2002-06-07
;  PRIOR APPLICATION NUMBER: US 60/391,777
;  PRIOR FILING DATE: 2002-06-25
;  PRIOR APPLICATION NUMBER: US 60/396,594
;  PRIOR FILING DATE: 2002-07-17
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;  PRIOR APPLICATION NUMBER: US 60/404,249
;  PRIOR FILING DATE: 2002-08-16
;  PRIOR APPLICATION NUMBER: US 60/407,527
;  PRIOR FILING DATE: 2002-08-28
;  NUMBER OF SEQ ID NOS: 75
;  SOFTWARE: PatentIn version 3.2
; SEQ ID NO 60
;   LENGTH: 128
;   TYPE: PRT
;   ORGANISM: Mus musculus
US-10-410-997-60

  Query Match             87.2%;  Score 572;  DB 3;  Length 128;
  Best Local Similarity   89.8%;  Pred. No. 6e-50;
  Matches  114;  Conservative    2;  Mismatches   11;  Indels    0;  Gaps    0;

Qy          1 MDFQVQIFSFLLISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQQK 60
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Qy         61 PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG 120
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Qy        121 SGTKLEI 127
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Db        121 GGTKLEI 127


RESULT 7
US-10-410-962-60
; Sequence 60, Application US/10410962
; Patent No. 7173003
; GENERAL INFORMATION:
;  APPLICANT: Neose Technologies, Inc.
;  APPLICANT:  DeFrees, Shawn
;  APPLICANT:  Zopf, David
;  APPLICANT:  Bayer, Robert
;  APPLICANT:  Hakes, David
;  APPLICANT:  Chen, Xi
;  APPLICANT:  Bowe, Caryn
;  TITLE OF INVENTION: GRANULOCYTE COLONY STIMULATING FACTOR: REMODELING AND
;  TITLE OF INVENTION:  GLYCOCONJUGATION OF G-CSF
;  FILE REFERENCE: 040853-01-5054
;  CURRENT APPLICATION NUMBER: US/10/410,962
;  CURRENT FILING DATE:  2003-04-09
;  PRIOR APPLICATION NUMBER: US 60/328,523
;  PRIOR FILING DATE: 2001-10-10
;  PRIOR APPLICATION NUMBER: US 60/344,692
;  PRIOR FILING DATE: 2001-10-19
;  PRIOR APPLICATION NUMBER: US 60/387,292
;  PRIOR FILING DATE: 2002-06-07
;  PRIOR APPLICATION NUMBER: US 60/391,777
;  PRIOR FILING DATE: 2002-06-25
;  PRIOR APPLICATION NUMBER: US 60/396,594
;  PRIOR FILING DATE: 2002-07-17
;  PRIOR APPLICATION NUMBER: US 60/404,249
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;  PRIOR FILING DATE: 2002-08-16
;  PRIOR APPLICATION NUMBER: US 60/407,527
;  PRIOR FILING DATE: 2002-08-28
;  NUMBER OF SEQ ID NOS: 75
;  SOFTWARE: PatentIn version 3.2
; SEQ ID NO 60
;   LENGTH: 128
;   TYPE: PRT
;   ORGANISM: Mus musculus
US-10-410-962-60

  Query Match             87.2%;  Score 572;  DB 3;  Length 128;
  Best Local Similarity   89.8%;  Pred. No. 6e-50;
  Matches  114;  Conservative    2;  Mismatches   11;  Indels    0;  Gaps    0;

Qy          1 MDFQVQIFSFLLISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQQK 60
              ||||||| ||||||||||||||||||||||| ||||| |||||||||||| |: | |||
Db          1 MDFQVQIISFLLISASVIMSRGQIVLSQSPAILSASPGEKVTMTCRASSSVSYIHWFQQK 60

Qy         61 PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG 120
              |||||||||| || |||||| ||||||||||||||||||||||||||||:||| |||
Db         61 PGSSPKPWIYATSNLASGVPVRFSGSGSGTSYSLTISRVEAEDAATYYCQQWTSNPPTFG 120

Qy        121 SGTKLEI 127
               |||||||
Db        121 GGTKLEI 127


RESULT 8
US-10-410-897A-60
; Sequence 60, Application US/10410897A
; Patent No. 7179617
; GENERAL INFORMATION:
;  APPLICANT: Neose Technologies, Inc.
;  APPLICANT:  DeFrees, Shawn
;  APPLICANT:  Zopf, David
;  APPLICANT:  Bayer, Robert
;  APPLICANT:  Hakes, David
;  APPLICANT:  Chen, Xi
;  APPLICANT:  Bowe, Caryn
;  TITLE OF INVENTION: FACTOR IX; REMODELING AND GLYCOCONJUGATION OF FACTOR IX
;  FILE REFERENCE: 040853-01-5058
;  CURRENT APPLICATION NUMBER: US/10/410,897A
;  CURRENT FILING DATE:  2003-04-09
;  PRIOR APPLICATION NUMBER: US 60/334,233
;  PRIOR FILING DATE: 2001-11-28
;  PRIOR APPLICATION NUMBER: US 60/334,301
;  PRIOR FILING DATE: 2001-11-28
;  PRIOR APPLICATION NUMBER: US 60/387,292
;  PRIOR FILING DATE: 2001-06-07
;  PRIOR APPLICATION NUMBER: US 60/391,777
;  PRIOR FILING DATE: 2002-06-25
;  PRIOR APPLICATION NUMBER: US 60/396,594
;  PRIOR FILING DATE: 2002-07-17
;  PRIOR APPLICATION NUMBER: US 60/404,249
;  PRIOR FILING DATE: 2002-08-16
;  PRIOR APPLICATION NUMBER: US 60/407,527
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;  PRIOR FILING DATE: 2002-08-28
;  PRIOR APPLICATION NUMBER: PCT/US2002/32263
;  PRIOR FILING DATE: 2002-10-09
;  PRIOR APPLICATION NUMBER: US 10/287,994
;  PRIOR FILING DATE: 2002-11-05
;  PRIOR APPLICATION NUMBER: US 10/360,770
;  PRIOR FILING DATE: 2003-01-06
;  Remaining Prior Application data removed - See File Wrapper or PALM.
;  NUMBER OF SEQ ID NOS: 76
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 60
;   LENGTH: 128
;   TYPE: PRT
;   ORGANISM: MUS MUSCULUS
US-10-410-897A-60

  Query Match             87.2%;  Score 572;  DB 3;  Length 128;
  Best Local Similarity   89.8%;  Pred. No. 6e-50;
  Matches  114;  Conservative    2;  Mismatches   11;  Indels    0;  Gaps    0;

Qy          1 MDFQVQIFSFLLISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQQK 60
              ||||||| ||||||||||||||||||||||| ||||| |||||||||||| |: | |||
Db          1 MDFQVQIISFLLISASVIMSRGQIVLSQSPAILSASPGEKVTMTCRASSSVSYIHWFQQK 60

Qy         61 PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG 120
              |||||||||| || |||||| ||||||||||||||||||||||||||||:||| |||
Db         61 PGSSPKPWIYATSNLASGVPVRFSGSGSGTSYSLTISRVEAEDAATYYCQQWTSNPPTFG 120

Qy        121 SGTKLEI 127
                ||||||
Db        121 GGTKLEI 127


RESULT 9
US-10-410-945A-60
; Sequence 60, Application US/10410945A
; Patent No. 7214660
; GENERAL INFORMATION:
;  APPLICANT: Neose Technologies, Inc.
;  APPLICANT:  DeFrees, Shawn
;  APPLICANT:  Zopf, David
;  APPLICANT:  Bayer, Robert
;  APPLICANT:  Hakes, David
;  APPLICANT:  Chen, Xi
;  APPLICANT:  Bowe, Caryn
;  TITLE OF INVENTION: ERYTHROPOIETIN: REMODELING AND GLYCOCONJUGATION OF ERYTHROPOIETIN
;  FILE REFERENCE: 40853-01-5083-US03
;  CURRENT APPLICATION NUMBER: US/10/410,945A
;  CURRENT FILING DATE:  2003-04-09
;  PRIOR APPLICATION NUMBER: US 60/334, 692
;  PRIOR FILING DATE: 2001-10-10
;  PRIOR APPLICATION NUMBER: US 60/328,523
;  PRIOR FILING DATE: 2001-10-10
;  PRIOR APPLICATION NUMBER: US 60/334,233
;  PRIOR FILING DATE: 2001-11-28
;  PRIOR APPLICATION NUMBER: US 60/334,301
;  PRIOR FILING DATE: 2001-11-28
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;  PRIOR APPLICATION NUMBER: US 60/387,292
;  PRIOR FILING DATE: 2001-06-07
;  PRIOR APPLICATION NUMBER: US 60/391,777
;  PRIOR FILING DATE: 2002-06-25
;  PRIOR APPLICATION NUMBER: US 60/396,594
;  PRIOR FILING DATE: 2002-07-17
;  PRIOR APPLICATION NUMBER: US 60/404,249
;  PRIOR FILING DATE: 2002-08-16
;  PRIOR APPLICATION NUMBER: US 60/407,527
;  PRIOR FILING DATE: 2002-08-28
;  PRIOR APPLICATION NUMBER: PCT/US2002/32263
;  PRIOR FILING DATE: 2002-10-09
;  Remaining Prior Application data removed - See File Wrapper or PALM.
;  NUMBER OF SEQ ID NOS: 76
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 60
;   LENGTH: 128
;   TYPE: PRT
;   ORGANISM: MUS MUSCULUS
US-10-410-945A-60

  Query Match             87.2%;  Score 572;  DB 3;  Length 128;
  Best Local Similarity   89.8%;  Pred. No. 6e-50;
  Matches  114;  Conservative    2;  Mismatches   11;  Indels    0;  Gaps    0;

Qy          1 MDFQVQIFSFLLISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQQK 60
              ||||||| ||||||||||||||||||||||| ||||| |||||||||||| |: | |||
Db          1 MDFQVQIISFLLISASVIMSRGQIVLSQSPAILSASPGEKVTMTCRASSSVSYIHWFQQK 60

Qy         61 PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG 120
              |||||||||| || |||||| ||||||||||||||||||||||||||||:||| |||
Db         61 PGSSPKPWIYATSNLASGVPVRFSGSGSGTSYSLTISRVEAEDAATYYCQQWTSNPPTFG 120

Qy        121 SGTKLEI 127
                ||||||
Db        121 GGTKLEI 127


RESULT 10
US-10-410-930A-60
; Sequence 60, Application US/10410930A
; Patent No. 7226903
; GENERAL INFORMATION:
;  APPLICANT: Neose Technologies, Inc.
;  APPLICANT:  DeFrees, Shawn
;  APPLICANT:  Zopf, David
;  APPLICANT:  Bayer, Robert
;  APPLICANT:  Hakes, David
;  APPLICANT:  Chen, Xi
;  APPLICANT:  Bowe, Caryn
;  TITLE OF INVENTION: INTERFERON BETA: REMODELING AND GLYCOCONJUGATION OF INTERFERON BETA
;  FILE REFERENCE: 40853-01-5056-US
;  CURRENT APPLICATION NUMBER: US/10/410,930A
;  CURRENT FILING DATE:  2003-04-09
;  PRIOR APPLICATION NUMBER: US 60/328,523
;  PRIOR FILING DATE: 2001-10-10
;  PRIOR APPLICATION NUMBER: US 60/344,692
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;  PRIOR FILING DATE: 2001-10-19
;  PRIOR APPLICATION NUMBER: US 60/334,233
;  PRIOR FILING DATE: 2001-11-28
;  PRIOR APPLICATION NUMBER: US 60/334,301
;  PRIOR FILING DATE: 2001-11-28
;  PRIOR APPLICATION NUMBER: US 60/387,292
;  PRIOR FILING DATE: 2002-06-07
;  PRIOR APPLICATION NUMBER: US 60/391,777
;  PRIOR FILING DATE: 2002-06-25
;  PRIOR APPLICATION NUMBER: US 60/396,594
;  PRIOR FILING DATE: 2002-07-17
;  PRIOR APPLICATION NUMBER: US 60/404,249
;  PRIOR FILING DATE: 2002-08-16
;  PRIOR APPLICATION NUMBER: US 60/407,527
;  PRIOR FILING DATE: 2002-08-28
;  PRIOR APPLICATION NUMBER: PCT/US2002/32263
;  PRIOR FILING DATE: 2002-10-09
;  Remaining Prior Application data removed - See File Wrapper or PALM.
;  NUMBER OF SEQ ID NOS: 76
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 60
;   LENGTH: 128
;   TYPE: PRT
;   ORGANISM: MUS MUSCULUS
US-10-410-930A-60

  Query Match             87.2%;  Score 572;  DB 3;  Length 128;
  Best Local Similarity   89.8%;  Pred. No. 6e-50;
  Matches  114;  Conservative    2;  Mismatches   11;  Indels    0;  Gaps    0;

Qy          1 MDFQVQIFSFLLISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQQK 60
              ||||||| |||||||||||||||||||||| ||||| |||||||||||| |: | |||
Db          1 MDFQVQIISFLLISASVIMSRGQIVLSQSPAILSASPGEKVTMTCRASSSVSYIHWFQQK 60

Qy         61 PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG 120
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Db         61 PGSSPKPWIYATSNLASGVPVRFSGSGSGTSYSLTISRVEAEDAATYYCQQWTSNPPTFG 120

Qy        121 SGTKLEI 127
                ||||||
Db        121 GGTKLEI 127


RESULT 11
US-10-411-012-60
; Sequence 60, Application US/10411012
; Patent No. 7265084
; GENERAL INFORMATION:
;  APPLICANT: Neose Technologies, Inc.
;  APPLICANT:  DeFrees, Shawn
;  APPLICANT:  Zopf, David
;  APPLICANT:  Bayer, Robert
;  APPLICANT:  Hakes, David
;  APPLICANT:  Chen, Xi
;  APPLICANT:  Bowe, Caryne
;  TITLE OF INVENTION: GLYCOPEGYLATION METHODS AND PROTEINS/PEPTIDES PRODUCED BY THE
;  TITLE OF INVENTION:  METHODS
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;  FILE REFERENCE: 040853-01-5051
;  CURRENT APPLICATION NUMBER: US/10/411,012
;  CURRENT FILING DATE:  2003-04-09
;  PRIOR APPLICATION NUMBER: US 60/328,523
;  PRIOR FILING DATE: 2001-10-10
;  PRIOR APPLICATION NUMBER: US 60/344,692
;  PRIOR FILING DATE: 2001-10-19
;  PRIOR APPLICATION NUMBER: US 60/387,292
;  PRIOR FILING DATE: 2002-06-07
;  PRIOR APPLICATION NUMBER: US 60/391,777
;  PRIOR FILING DATE: 2002-06-25
;  PRIOR APPLICATION NUMBER: US 60/396,594
;  PRIOR FILING DATE: 2002-07-17
;  PRIOR APPLICATION NUMBER: US 60/404,249
;  PRIOR FILING DATE: 2002-08-16
;  PRIOR APPLICATION NUMBER: US 60/407,527
;  PRIOR FILING DATE: 2002-08-28
;  NUMBER OF SEQ ID NOS: 75
;  SOFTWARE: PatentIn version 3.2
; SEQ ID NO 60
;   LENGTH: 128
;   TYPE: PRT
;   ORGANISM: Mus musculus
US-10-411-012-60

  Query Match             87.2%;  Score 572;  DB 3;  Length 128;
  Best Local Similarity   89.8%;  Pred. No. 6e-50;
  Matches  114;  Conservative    2;  Mismatches   11;  Indels    0;  Gaps    0;

Qy          1 MDFQVQIFSFLLISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQQK 60
              ||||||| |||||||||||||||||||||| ||||| |||||||||||| |: | |||
Db          1 MDFQVQIISFLLISASVIMSRGQIVLSQSPAILSASPGEKVTMTCRASSSVSYIHWFQQK 60

Qy         61 PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG 120
              |||||||||| || |||||| ||||||||||||||||||||||||||||:||| |||
Db         61 PGSSPKPWIYATSNLASGVPVRFSGSGSGTSYSLTISRVEAEDAATYYCQQWTSNPPTFG 120

Qy        121 SGTKLEI 127
                ||||||
Db        121 GGTKLEI 127


RESULT 12
US-10-410-913A-60
; Sequence 60, Application US/10410913A
; Patent No. 7265085
; GENERAL INFORMATION:
;  APPLICANT: Neose Technologies, Inc.
;  APPLICANT:  DeFrees, Shawn
;  APPLICANT:  Zopf, David
;  APPLICANT:  Bayer, Robert
;  APPLICANT:  Hakes, David
;  APPLICANT:  Chen, Xi
;  APPLICANT:  Bowe, Caryn
;  TITLE OF INVENTION: GLYCOCONJUGATION METHODS AND
;  TITLE OF INVENTION:  PROTEINS/PEPTIDES PRODUCED BY THE METHODS
;  FILE REFERENCE: 040853-01-5081
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;  CURRENT APPLICATION NUMBER: US/10/410,913A
;  CURRENT FILING DATE:  2003-04-09
;  PRIOR APPLICATION NUMBER: US 60/328,523
;  PRIOR FILING DATE: 2001-10-10
;  PRIOR APPLICATION NUMBER: US 60/334,692
;  PRIOR FILING DATE: 2001-11-21
;  PRIOR APPLICATION NUMBER: US 60/334,233
;  PRIOR FILING DATE: 2001-11-28
;  PRIOR APPLICATION NUMBER: US 60/334,301
;  PRIOR FILING DATE: 2001-11-28
;  PRIOR APPLICATION NUMBER: US 60/387,292
;  PRIOR FILING DATE: 2002-06-07
;  PRIOR APPLICATION NUMBER: US 60/391,777
;  PRIOR FILING DATE: 2002-06-25
;  PRIOR APPLICATION NUMBER: US 60/396,594
;  PRIOR FILING DATE: 2002-07-17
;  PRIOR APPLICATION NUMBER: US 60/404,249
;  PRIOR FILING DATE: 2002-08-16
;  PRIOR APPLICATION NUMBER: US 60/407,527
;  PRIOR FILING DATE: 2002-08-28
;  PRIOR APPLICATION NUMBER: PCT/US2002/32263
;  PRIOR FILING DATE: 2002-10-09
;  Remaining Prior Application data removed - See File Wrapper or PALM.
;  NUMBER OF SEQ ID NOS: 76
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 60
;   LENGTH: 128
;   TYPE: PRT
;   ORGANISM: MUS MUSCULUS
US-10-410-913A-60

  Query Match             87.2%;  Score 572;  DB 3;  Length 128;
  Best Local Similarity   89.8%;  Pred. No. 6e-50;
  Matches  114;  Conservative    2;  Mismatches   11;  Indels    0;  Gaps    0;

Qy          1 MDFQVQIFSFLLISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQQK 60
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Db          1 MDFQVQIISFLLISASVIMSRGQIVLSQSPAILSASPGEKVTMTCRASSSVSYIHWFQQK 60

Qy         61 PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG 120
              |||||||||| || |||||| ||||||||||||||||||||||||||||:||| |||
Db         61 PGSSPKPWIYATSNLASGVPVRFSGSGSGTSYSLTISRVEAEDAATYYCQQWTSNPPTFG 120

Qy        121 SGTKLEI 127
                ||||||
Db        121 GGTKLEI 127


RESULT 13
US-11-404-266-60
; Sequence 60, Application US/11404266
; Patent No. 7276475
; GENERAL INFORMATION:
;  APPLICANT: Neose Technologies, Inc.
;  APPLICANT:  DeFrees, Shawn
;  APPLICANT:  Zopf, David
;  APPLICANT:  Bowe, Caryn
```

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;  TITLE OF INVENTION: REMODELING AND GLYCOCONJUGATION OF PEPTIDES
;  FILE REFERENCE: 040853-01-5552-US
;  CURRENT APPLICATION NUMBER: US/11/404,266
;  CURRENT FILING DATE:  2006-04-12
;  PRIOR APPLICATION NUMBER: 10/287,994
;  PRIOR FILING DATE: 2002-11-05
;  PRIOR APPLICATION NUMBER: PCT/US2002/032263
;  PRIOR FILING DATE: 2002-10-09
;  PRIOR APPLICATION NUMBER: US 60/328,523
;  PRIOR FILING DATE: 2001-10-10
;  PRIOR APPLICATION NUMBER: US 60/344,692
;  PRIOR FILING DATE: 2001-10-19
;  PRIOR APPLICATION NUMBER: US 60/334,233
;  PRIOR FILING DATE: 2001-11-28
;  PRIOR APPLICATION NUMBER: US 60/334,301
;  PRIOR FILING DATE: 2001-11-28
;  PRIOR APPLICATION NUMBER: US 60/387,292
;  PRIOR FILING DATE: 2002-06-07
;  PRIOR APPLICATION NUMBER: US 60/391,777
;  PRIOR FILING DATE: 2002-06-25
;  PRIOR APPLICATION NUMBER: US 60/396,594
;  PRIOR FILING DATE: 2002-07-17
;  PRIOR APPLICATION NUMBER: US 60/404,249
;  PRIOR FILING DATE: 2002-08-16
;  Remaining Prior Application data removed - See File Wrapper or PALM.
;  NUMBER OF SEQ ID NOS: 62
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 60
;   LENGTH: 128
;   TYPE: PRT
;   ORGANISM: Mus musculus
US-11-404-266-60

  Query Match             87.2%;  Score 572;  DB 3;  Length 128;
  Best Local Similarity   89.8%;  Pred. No. 6e-50;
  Matches  114;  Conservative    2;  Mismatches   11;  Indels    0;  Gaps    0;

Qy          1 MDFQVQIFSFLLISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQQK 60
              ||||||| |||||||||||||||||||||| ||||| |||||||||||| |: | |||
Db          1 MDFQVQIISFLLISASVIMSRGQIVLSQSPAILSASPGEKVTMTCRASSSVSYIHWFQQK 60

Qy         61 PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG 120
              |||||||||| || |||||| ||||||||||||||||||||||||||||:||| |||
Db         61 PGSSPKPWIYATSNLASGVPVRFSGSGSGTSYSLTISRVEAEDAATYYCQQWTSNPPTFG 120

Qy        121 SGTKLEI 127
                ||||||
Db        121 GGTKLEI 127


RESULT 14
US-10-411-049-60
; Sequence 60, Application US/10411049
; Patent No. 7297511
; GENERAL INFORMATION:
;  APPLICANT: Neose Technologies, Inc.
;  APPLICANT:  DeFrees, Shawn
```

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;  APPLICANT:  Zopf, David
;  APPLICANT:  Bayer, Robert
;  APPLICANT:  Hakes, David
;  APPLICANT:  Chen, Xi
;  APPLICANT:  Bowe, Caryn
;  TITLE OF INVENTION: INTERFERON ALPHA: REMODELING AND GLYCOCONJUGATION OF INTERFERON
;  TITLE OF INVENTION:  ALPHA
;  FILE REFERENCE: 040853-01-5055
;  CURRENT APPLICATION NUMBER: US/10/411,049
;  CURRENT FILING DATE:  2003-04-09
;  PRIOR APPLICATION NUMBER: US 60/328,523
;  PRIOR FILING DATE: 2001-10-10
;  PRIOR APPLICATION NUMBER: US 60/344,692
;  PRIOR FILING DATE: 2001-10-19
;  PRIOR APPLICATION NUMBER: US 60/387,292
;  PRIOR FILING DATE: 2002-06-07
;  PRIOR APPLICATION NUMBER: US 60/391,777
;  PRIOR FILING DATE: 2002-06-25
;  PRIOR APPLICATION NUMBER: US 60/396,594
;  PRIOR FILING DATE: 2002-07-17
;  PRIOR APPLICATION NUMBER: US 60/404,249
;  PRIOR FILING DATE: 2002-08-16
;  PRIOR APPLICATION NUMBER: US 60/407,527
;  PRIOR FILING DATE: 2002-08-28
;  NUMBER OF SEQ ID NOS: 75
;  SOFTWARE: PatentIn version 3.2
; SEQ ID NO 60
;   LENGTH: 128
;   TYPE: PRT
;   ORGANISM: Mus musculus
US-10-411-049-60

  Query Match             87.2%;  Score 572;  DB 3;  Length 128;
  Best Local Similarity   89.8%;  Pred. No. 6e-50;
  Matches  114;  Conservative    2;  Mismatches   11;  Indels    0;  Gaps    0;

Qy          1 MDFQVQIFSFLLISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQQK 60
              ||||||| |||||||||||||||||||||| ||||| |||||||||||  |: | |||
Db          1 MDFQVQIISFLLISASVIMSRGQIVLSQSPAILSASPGEKVTMTCRASSSVSYIHWFQQK 60

Qy         61 PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG 120
              |||||||||| || |||||| ||||||||||||||||||||||||||||:||| |||
Db         61 PGSSPKPWIYATSNLASGVPVRFSGSGSGTSYSLTISRVEAEDAATYYCQQWTSNPPTFG 120

Qy        121 SGTKLEI 127
                ||||||
Db        121 GGTKLEI 127


RESULT 15
US-09-724-138-46
; Sequence 46, Application US/09724138
; Patent No. 6652852
; GENERAL INFORMATION:
;  APPLICANT:  Robinson, Randy
;  APPLICANT:  Liu, Alvin
;  APPLICANT:  Ledbetter, Jeffrey
```

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;  TITLE OF INVENTION:   Chimeric Antibody with Specificity to Human B Cell Surface Antigen
;  FILE REFERENCE:   PPL-001CN2
;  CURRENT APPLICATION NUMBER: US/09/724,138
;  CURRENT FILING DATE:  2000-11-28
;  PRIOR APPLICATION NUMBER:   US 09/630198
;  PRIOR FILING DATE:   2000-08-01
;  PRIOR APPLICATION NUMBER:   US 09/021934
;  PRIOR FILING DATE:   1998-02-12
;  PRIOR APPLICATION NUMBER:   US 08/471984
;  PRIOR FILING DATE:   1995-06-06
;  PRIOR APPLICATION NUMBER:   US 07/665939
;  PRIOR FILING DATE:   1991-03-05
;  PRIOR APPLICATION NUMBER:   US 07/195961
;  PRIOR FILING DATE:   1988-05-13
;  PRIOR APPLICATION NUMBER:   US 07/016202
;  PRIOR FILING DATE:   1987-01-08
;  PRIOR APPLICATION NUMBER:   PCT/US86/02269
;  PRIOR FILING DATE:   1986-10-27
;  NUMBER OF SEQ ID NOS:   50
;  SOFTWARE:   PatentIn version 3.0
; SEQ ID NO 46
;   LENGTH: 128
;   TYPE: PRT
;   ORGANISM: Mus musculus
US-09-724-138-46

  Query Match             86.3%;  Score 566;  DB 2;  Length 128;
  Best Local Similarity   88.2%;  Pred. No. 2.4e-49;
  Matches  112;  Conservative    4;  Mismatches   11;  Indels    0;  Gaps    0;

Qy          1 MDFQVQIFSFLLISASVIMSRGQIVLSQSPAILFASPGETVTMTCRASSSVIYMCWNQQK 60
              |||||||||||||||||::||||||||||||| ||||| |||||||||||| || | |||
Db          1 MDFQVQIFSFLLISASVIIARGQIVLSQSPAILSASPGEKVTMTCRASSSVSYMHWYQQK 60

Qy         61 PGSSPKPWIYGTSTLASGVPTRFSGSGSGTSYSLTISRVEAEDAATYYCQQWSSNPFTFG 120
              ||||||||||  | |||||| ||||||||||||||||||||||||||||||| || |||
Db         61 PGSSPKPWIYAPSNLASGVPARFSGSGSGTSYSLTISRVEAEDAATYYCQQWSFNPPTFG 120

Qy        121 SGTKLEI 127
              :||||:
Db        121 AGTKLEL 127


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